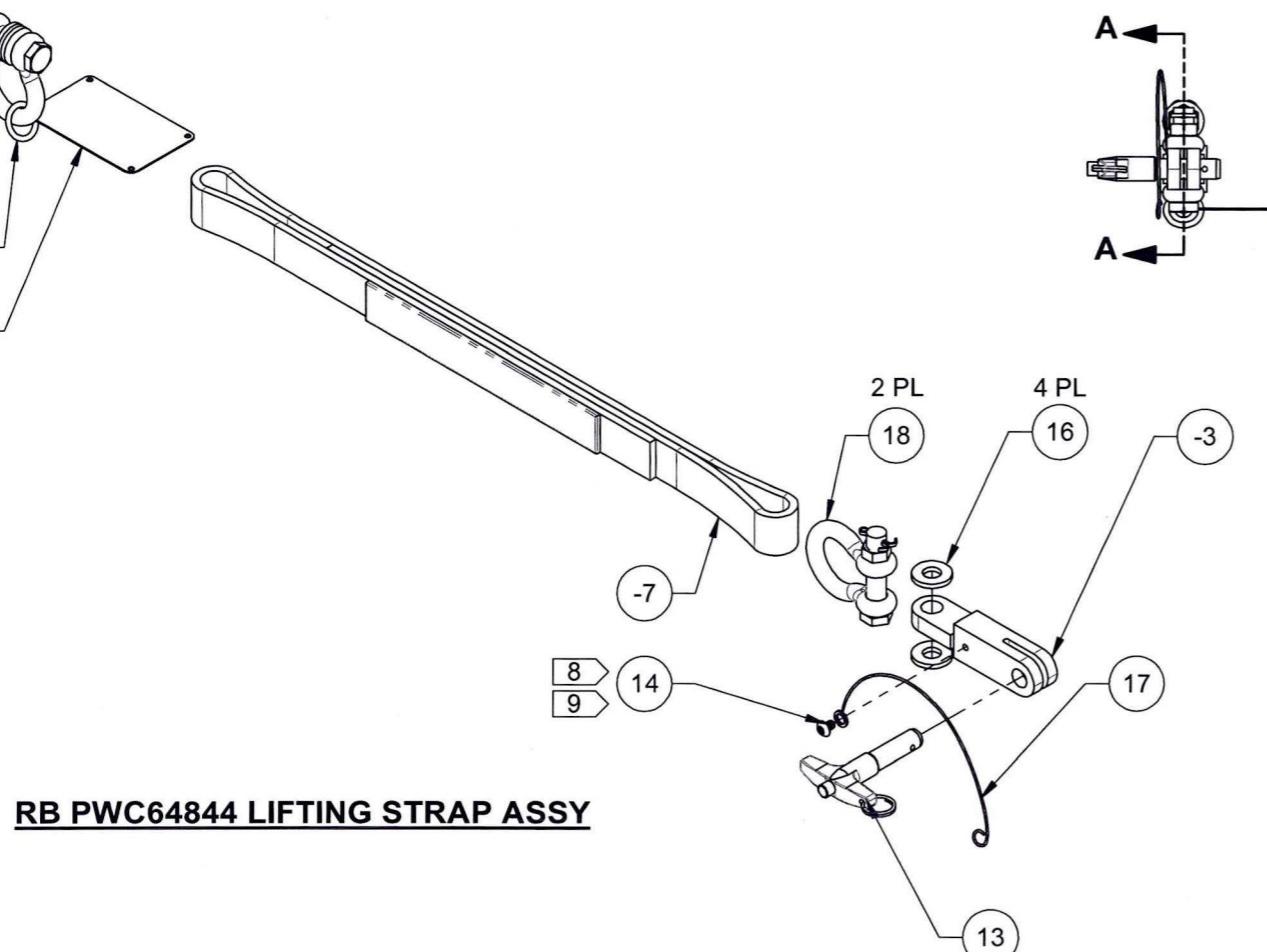
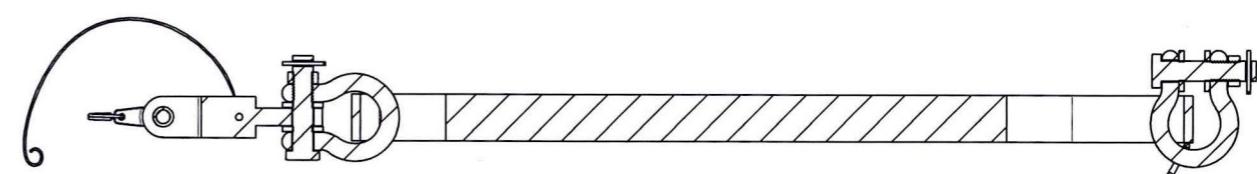
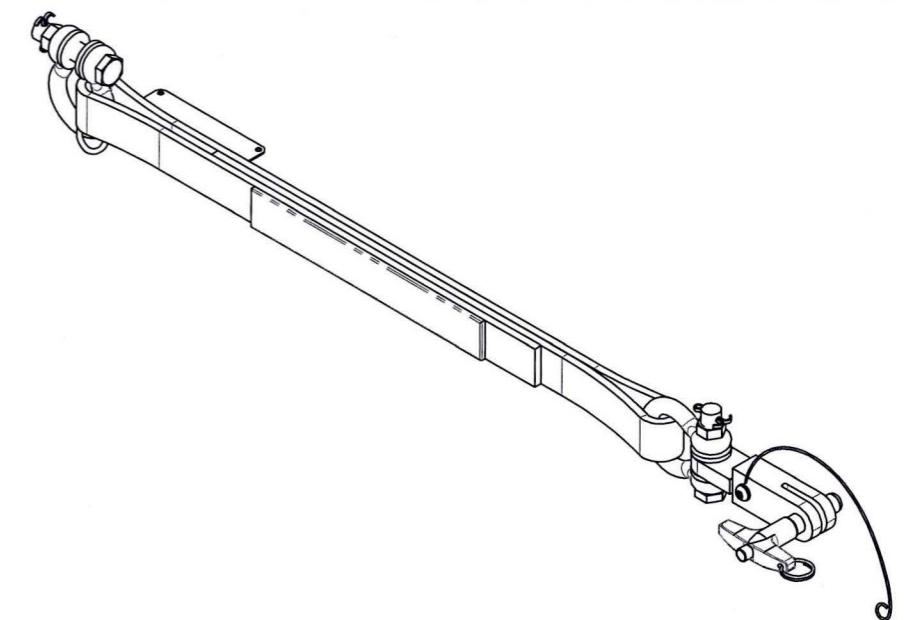
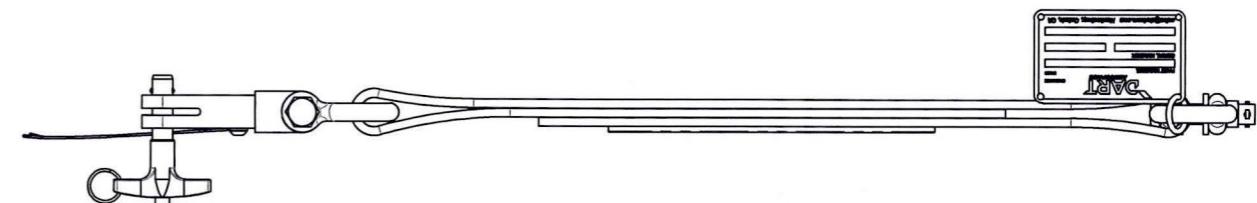


ITEM #	QTY	PART #	PART TITLE
-3	1	RB PWC64844-3	ENGINE MOUNT
-7	1	RB PWC64844-7	WEB SLING ASSEMBLY
12	1	RB41011	DART PLACARD
13	1	McMaster#90293A320 OR EQUIV	SS17-4 PH T HANDLE LOCKING QUICK RELEASE PIN WITH RING 7/16" DIA. X 1" USABLE LENGTH
14	1	McMaster#91255A238 OR EQUIV	BLACK OXIDE STEEL BUTTON HEAD HEX DRIVE SCREW #10-24 X 1/4" LG.
15	1	McMaster#90177A216 OR EQUIV	STEEL ZINC PLATED SPLIT RING 3/4" OD. X 5/8" ID. X 1/8" THK
16	4	McMaster#98029A031 OR EQUIV	BLACK OXIDE STEEL OVERSIZED WASHER 0.406" ID. X 0.875" OD. X 0.105"-0.130" THK
17	1	McMaster#90312A288 OR EQUIV	STEEL NYLON COATED LANYARD LOOP TO EYE 3/64" DIA. X 6" LG.
18	2	McMaster#8494T28 OR EQUIV.	BLACK OXIDE STEEL SAFETY PIN SHACKLE 3/8" THK. X 7/16" DIA.



RB PWC64844 LIFTING STRAP ASSY



NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A

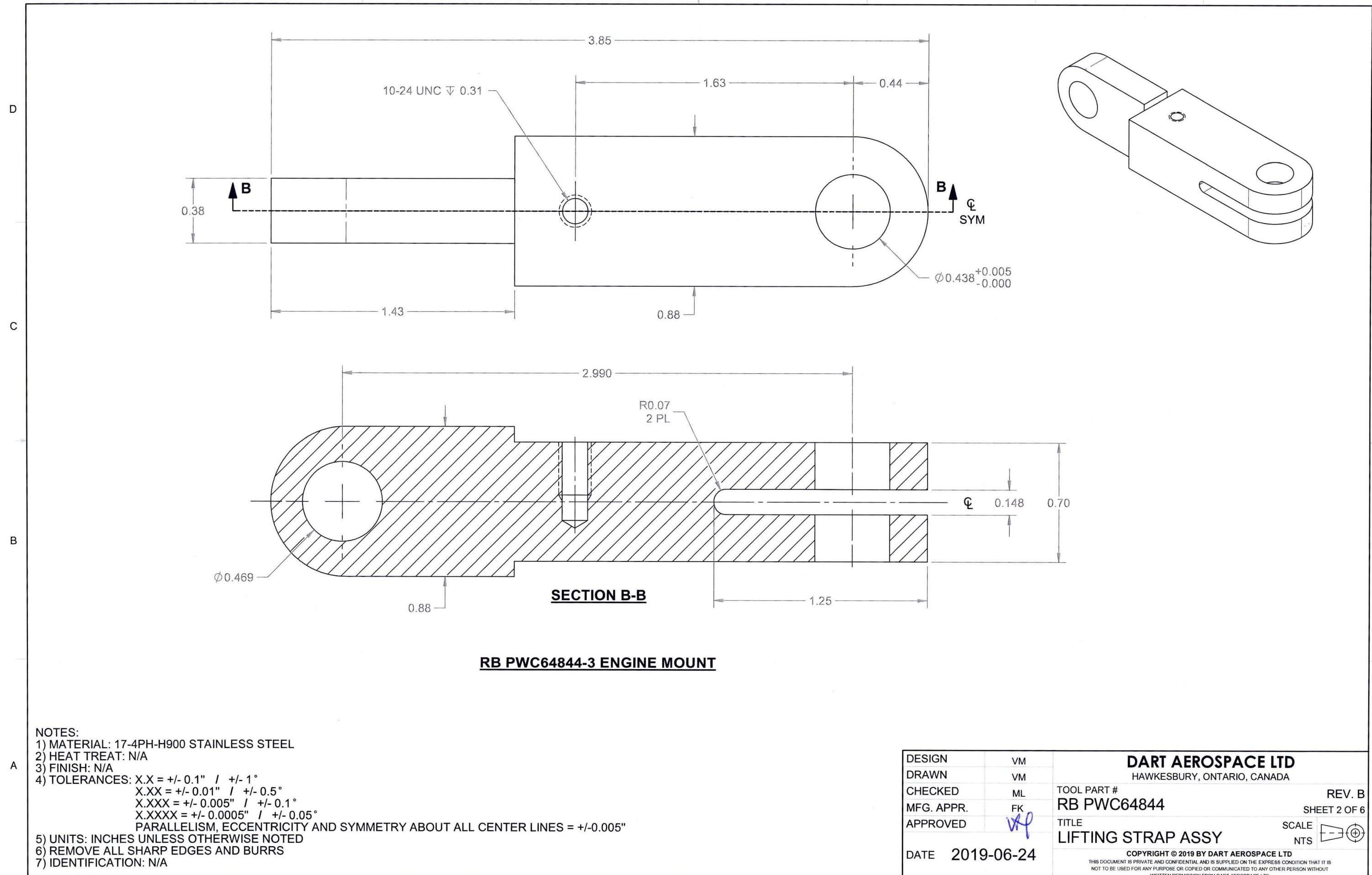
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED
 6) IDENTIFICATION: ENGRAVE THE TOOL P/N, S/N, AND "SWL: 200 LBS" ON THE DART PLACARD WHERE INDICATED
 7) ASSEMBLE AS SHOWN

8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 14 THEN ASSEMBLE WITH ITEM 17 AND ITEM -3, AND REMOVE EXCESS
 9) INSTALL ITEM 14 HAND TIGHT

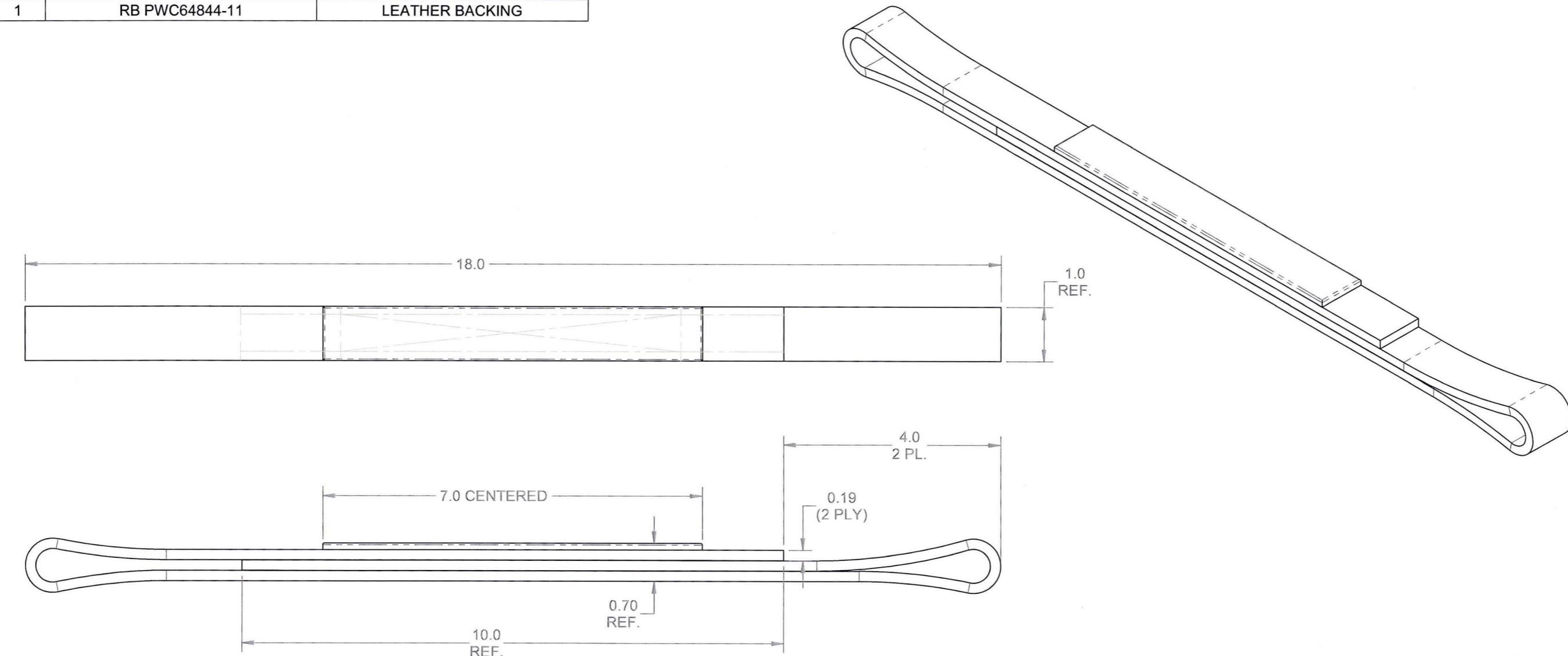
B	SEE PREVIOUS PDF FOR OLDER REV TEMPLATE UPDATED PER DART HBY STANDARDS COMPLETE REDESIGN PER TULMAR'S COMMENTS	17-684	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	REV. B	
MFG. APPR.	FK	TOOL PART #	
APPROVED	<i>[Signature]</i>	RB PWC64844	
TITLE		SHEET 1 OF 6	
LIFTING STRAP ASSY		SCALE	NTS
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DATE 2019-06-24



ITEM #	QTY	PART #	PART TITLE
-9	1	RB PWC64844-9	STRAP
-11	1	RB PWC64844-11	LEATHER BACKING

D



RB PWC64844-7 WEB SLING ASSEMBLY

8 > 9 > 10 >

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) SEW ITEMS TOGETHER AS SHOWN
- 9) STITCHING TO BE IAW ASTM D6193, TYPE 301, 6-10 STITCHES PER INCH, MINIMUM 0.5" BACKSTITCH, 0.5" SEAM ALLOWANCE, 0.5" TURNBACKS WHERE SHOWN, 0.13 ± 0.10 " FROM EDGE. ADDITIONAL ROWS OF SEWING ARE ACCEPTABLE TO ASSIST IN ASSEMBLY
- 10) PHANTOM LINES REPRESENT STITCHING

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML		
MFG. APPR.	FK		
APPROVED	<i>W.P.</i>		
DATE 2019-06-24		TOOL PART #	REV. B
		RB PWC64844	SHEET 3 OF 6
		TITLE	SCALE
		LIFTING STRAP ASSY	NTS

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D

C

C

B

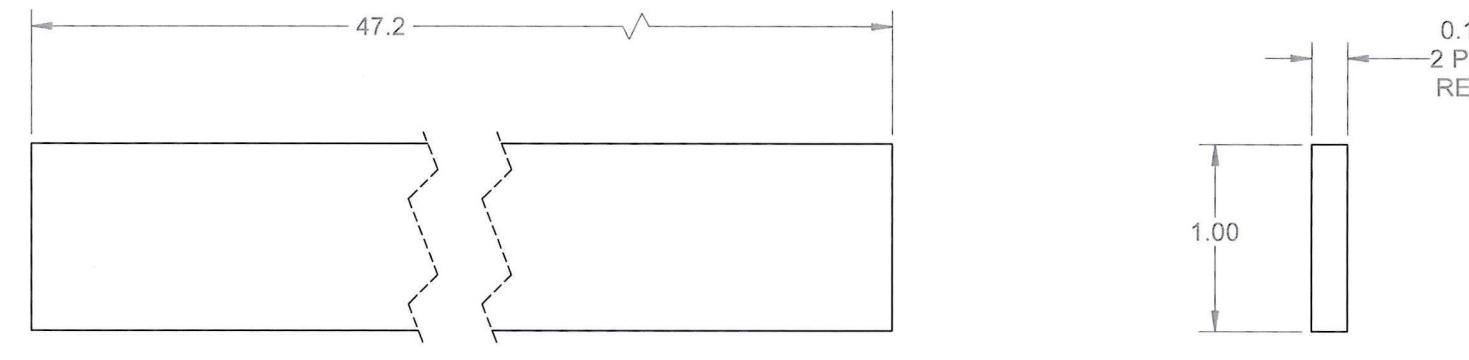
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A

A

NOTES:

- 1) MATERIAL: WHITE WEBBING WITH EDGE GUARD WHITE, MIN 1000 LBS BREAKING STRENGTH OR EQUIV
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) HEAT CUT ENDS TO PREVENT FRAYING

**RB PWC64844-9 STRAP**

8

DESIGN	VM	DART AEROSPACE LTD
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA
CHECKED	ML	
MFG. APPR.	FK	REV. B
APPROVED	<i>[Signature]</i>	TOOL PART #
		RB PWC64844
		SHEET 4 OF 6
		TITLE
		LIFTING STRAP ASSY
DATE	2019-06-24	SCALE
		NTS
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D

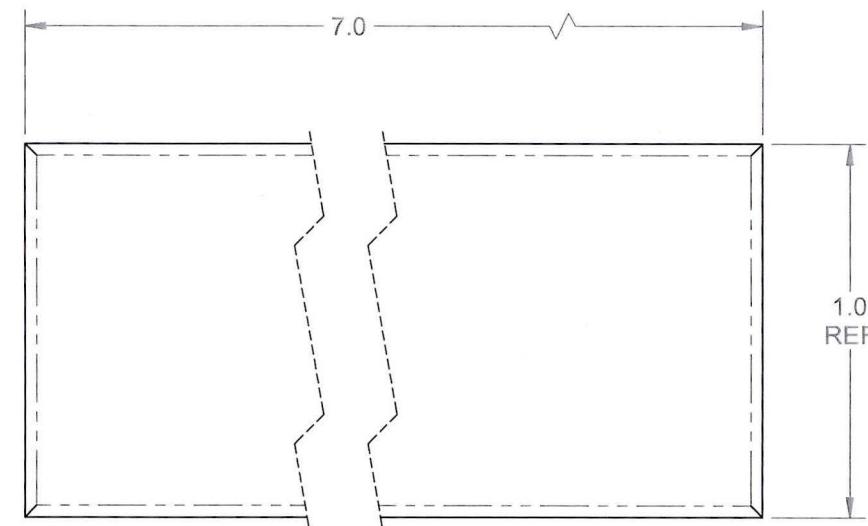
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C

C

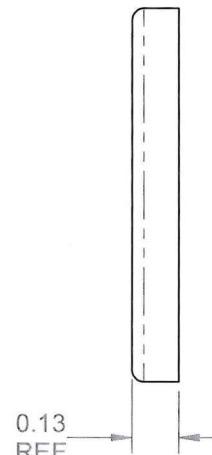
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B



RB PWC64844-11 LEATHER BACKING

8



NOTES:

- 1) MATERIAL: McMaster#8706K56 OR EQUIV (LEATHER STRIP 1" WIDE X 36" LG. X 1/8" THK.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) HEAT CUT ENDS TO PREVENT FRAYING

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML		
MFG. APPR.	FK		
APPROVED	VH		
DATE 2019-06-24		TOOL PART #	REV. B
		RB PWC64844	SHEET 5 OF 6
		TITLE	SCALE
		LIFTING STRAP ASSY	NTS

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D		6		5		4		3		2		1
D											C	
C											C	
B											B	
A											A	

The diagram illustrates a lifting strap assembly. A vertical strap is attached to a rectangular weight plate at the bottom. A metal hook is attached to the top of the strap, which is looped around a pulley and secured to a horizontal beam of an overhead lifting device. Arrows indicate the direction of lift.

FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE STRAP ASSEMBLY ON AN OVERHEAD LIFTING DEVICE. ATTACH STRAP TO AN APPROPRIATE TEST WEIGHT OF 272 KG / 600 LBS.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, DISTORTION OR DAMAGED/FRAYED STRAPS.
3. REMOVE WEIGHT AND RE-INSPECT STRAP, CHECKING FOR STRESS CRACKS, BENDING, DISTORTIONS OR DAMAGED/FRAYED STRAPS.

INSPECTOR: _____

TESTER: _____

S/N: _____

DATE: _____

DESIGN	VM	DART AEROSPACE LTD
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA
CHECKED	ML	
MFG. APPR.	FK	
APPROVED	<i>WJ</i>	
DATE 2019-06-24		

TOOL PART # **RB PWC64844**

REV. B

SHEET 6 OF 6

SCALE NTS

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